



Pytes Low Voltage Battery Series Configuration Guide with Solis Hybrid Inverter

Pytes Lithium Battery

With Solis RHI/RAI /S5 /S6 (low voltage)Series

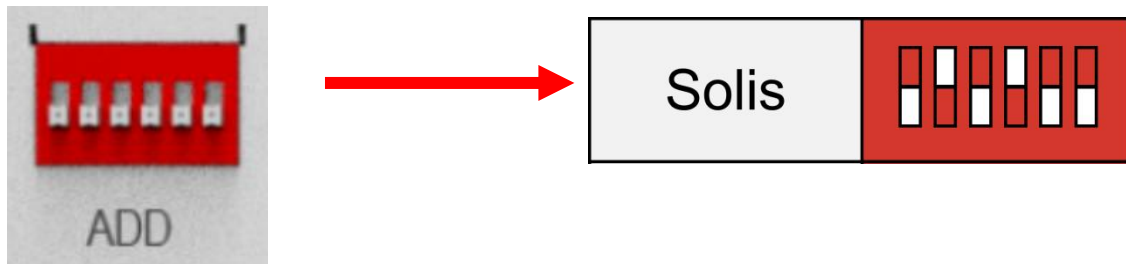


Pytes low voltage battery interface overview

No.	Item Name	Product Picture
1	E-BOX 4850-C	
2	E-BOX 4850G	
3	E-BOX 48100R-C	
4	V5°	
5	V5°α	
6	V5°α Plus	
7	V10	
8	V15	
9	Pi LV1	

Set the Dip Switch

Only need to set the master battery Dip Switch to the corresponding position as shown. The Dip Switch (ADD) location varies for each battery model; please refer to the respective user manual for details.



Select the correct the communication cable between battery and Inverter

Select the correct the communication cable and the correct pinout of communication port on the battery according to the Pin Definition List. If the pin definitions of the battery and inverter align, a standard ethernet cable can be used. Otherwise, the cable needs to be adjusted.

Pin Number	Battery Pin Definition	Inverter Pin Definition
1	RS485B	
2	RS485A	
3	GND	
4	CAN-H	CAN-H
5	CAN-L	CAN-L
6	GND	
7	RS485A	
8	RS485B	

1. Power Cable Connection

1. Connect the power cables between inverter and battery or the Busbars. See the (1) on Figure 1.1 to check the position of Solis Battery Connectors.

2. Plug in the battery end into the CAN port of the Pytes battery(Check page 2) and plug in the inverter end into Solis CAN Port as shown (2) on the Figure 1.1.



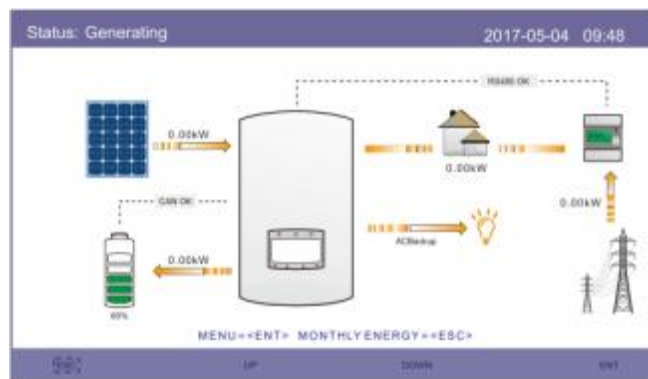
Pic 1.1

2. Parameters Setting and Checking on the Inverter

※CAUTION: If you want more details about the batteries settings, please check the operating manual of inverter.

Step1.

Check the inverter main page on the screen. as shown in pic 2.1.



Pic 2.1

Step2.

Enter the submenu, there are four submenu in the main menu. Please set parameters in **Advanced Setting**, as shown in 2.2.



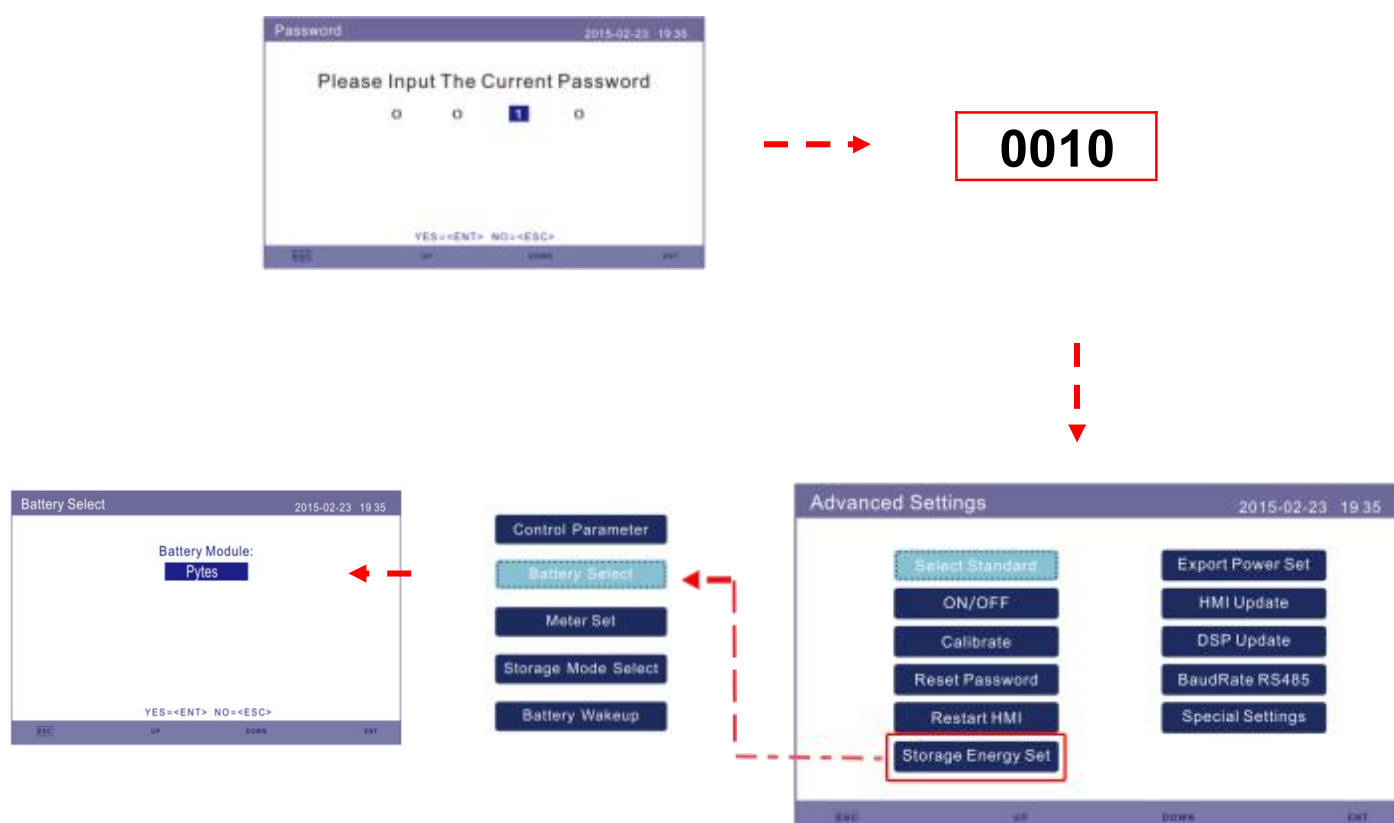
Pic 2.2

Step3.

Click the Advanced settings. Input Password number **0010**, then enter the submenu to set parameters as shown in 2.3.

There are many items in the submenu, please set them comply to the inverter manual for the details.

The most important parameters setting is the Storage Energy Set, click into the item and set battery module to **Pytes**.



Pic 2.3

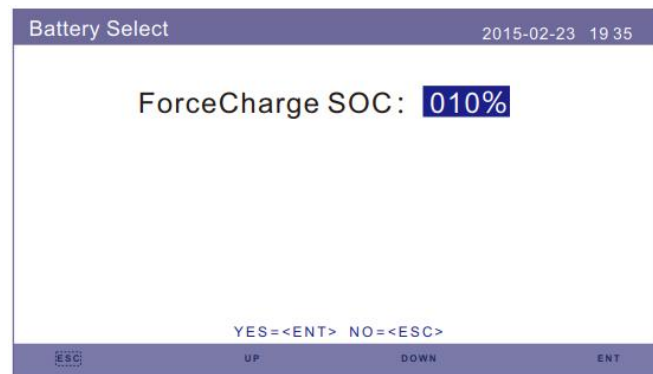
After Battery Select, there are two parameters need to be defined in next page.

1. Set OverDischg SOC to 20%.



Pic 2.4

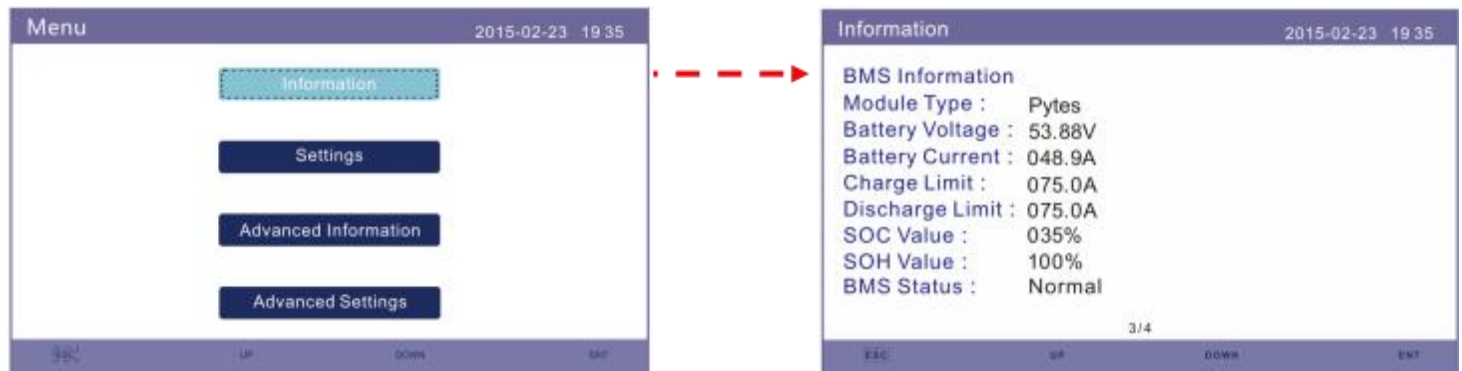
2. Set ForceCharge SOC to 10%, and saved.



Pic 2.5

Step4.

Click the information and check parameters as shown in 2.6.



Pic 2.6

Step5.

Click the Advanced information and check Running Message as shown in 2.7.



Pic 2.7

3. System Monitoring

※CAUTION: If you want more details about system monitoring, please download APP of inverters .



SolisCloud Monitoring APP
IOS download



SolisCloud Monitoring APP
Android download